



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Wang et al.

Application No. 10/076,881

Art Unit: 1764

Filed: Feb 13, 2002

Examiner: B. Yildirim

For: A CATALYST AND METHOD
OF STEAM REFORMING

Atty Docket: B-1482-CIP2

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to the duty of disclosure under 37 CFR §§ 1.56 and 1.97-1.99, the documents listed on the attached Form(s) PTO-1449 are being brought to the attention of the Examiner in charge of the above-identified application. The fee set forth in 37 CFR § 1.17(p) is provided for in the accompanying Fee Transmittal Form. Any additional fees required for consideration of this paper, that are not provided for in the Fee Transmittal Form, are hereby authorized to be charged to Deposit Account No. 50-1749.

The Examiner is respectfully requested to initial the space adjacent each document entry on the Form(s) PTO-1449, and to return a copy of the initialled Form(s) PTO-1449 to confirm that the documents have been considered and have been officially made of record in this application.

12/31/2003 AWONDAF1 0000004 10076881

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If the Examiner has any questions or wishes to discuss this application, the Examiner is invited to telephone the undersigned representative at the number set forth below.

Respectfully submitted,

Date: 19 Dec. 2003

By: Frank S. Rosenberg

Frank S. Rosenberg
Registration No. 37,068
Tel. No. 925-376-8429


Form PTO-1449
Information Disclosure Citation

Attorney Docket B-1482-CIP2	Application No. 10/076,881
Applicant Wang et al.	
Filing Date Feb 13, 2002	Group Art Unit 1764

U.S. Patent Documents

Examiner Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
	AA	4,414,140	1983	Setzer et al.	503	303	
	AB	4,473,543	1984	Setzer et al.	423	652	
	AC	4,740,290	1988	Tomita et al.	208	67	
	AD	3,926,583	1975	Rostrup-Nielson	48	214	
	AE	5,422,331	1995	Galligan et al.	502	333	
	AF	5,300,275	1994	Lywood	423	655	
	AG	4,581,157	1986	Twigg	252	373	
	AH	6,436,363	2002	Hwang et al.	423	651	8/31/2000
	AI	4,261,862	1981	Kinoshita	252	462	
	AJ	5,366,719	1994	van Wingerden et al.	423	659	
	AK	6,607,678	2003	Wang et al.	252	373	2/16/2001
	AL	4,678,600	1987	Stahl et al.	252	373	

Foreign Patent Documents

		Document Number	Date	Country	Class	Sub-Class	Trans-lation
	AM	JP 61028451	1986	Japan (abstract only)			Yes No
	AN	EP 1013603A1	2000	Europe			Yes No
	AO	WO 01/12540A1	2001	PCT			Yes No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

AP	International Search Report from PCT/US 02/04479 (October 2002)
AQ	Burtin, "Influence of Surface Area and Additives on the Thermal Stability of Transition Alumina Catalyst Supports," Appl. Catal. 34, (1987) 225-238
AR	McCabe et al., "The Effect of Alumina Phase Structure on the Dispersion of Rhodium/Alumina Catalysts," J. Catal., 151, 385-393 (1995)
AS	Das et al., "Influence of processing medium on retention of specific surface area of gamma-alumina at elevated temperature," Appl. Catal. A., 207 (2001) 95-102

Examiner	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Attorney Docket
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10/076,881Applicant
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U.S. Patent Documents

Examiner Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
	AA	2001/0032965 A1	2001	Wang et al.	252	373	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

Foreign Patent Documents

		Document Number	Date	Country	Class	Sub-Class	Trans-lation
	AM	GB 1003147A	1966	Britain			Yes No
	AN	EP 0333037A2	1989	Europe			Yes No
	AO	WO 03/035255A2	2003	PCT			Yes No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

AP	International Search Report from PCT/US 02/04479 (October 2002) written opinion
AQ	Yeung et al., "Mesoporous alumina membranes: Synthesis, characterization, thermal stability and nonuniform distribution of catalyst," J. Membrane Sci., 131 (1997) 9-28
AR	Wang et al., "Carbon dioxide reforming of methane to synthesis gas over supported rhodium catalysts: the effect of support," Appl. Catal. A., 204 (2000) 143-152.
AS	Schaper, "The influence of dopes on the stability of gamma alumina supports," Proceedings of the 5th conf. On sintering, 14, 173-176 (1982).
AT	Church et al., "Stabilisation of aluminas by rare earth and alkaline earth ions," Appl. Catal. A., 101 (1993) 105-116

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